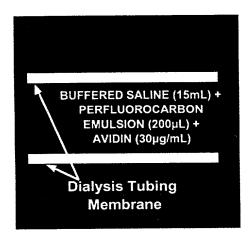
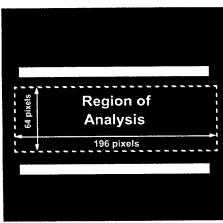
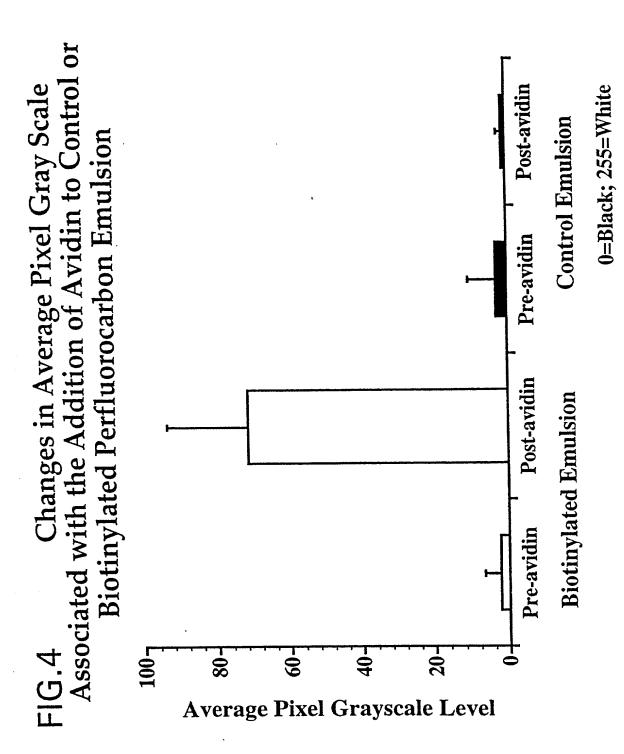


Figure 3. Graphic Illustration of Dialysis Tubing Images and Region of Interest Placement for Gray Scale Analysis









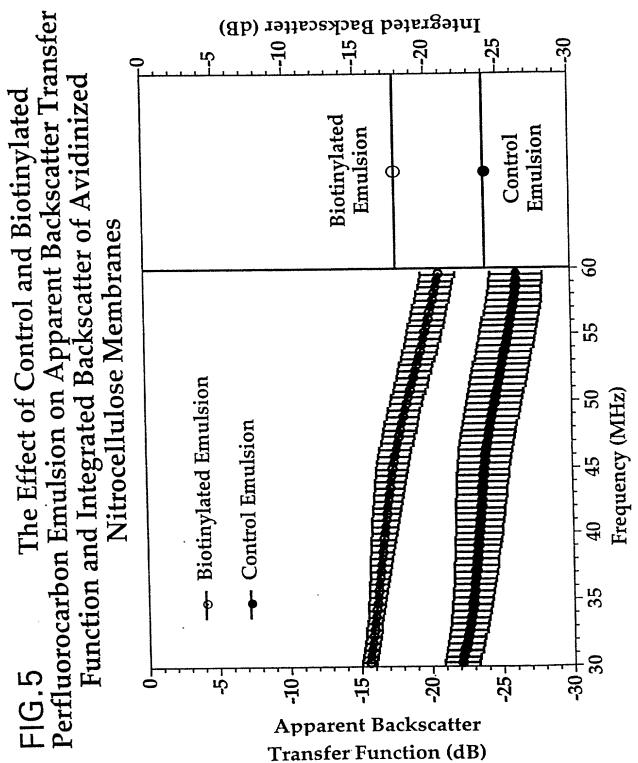
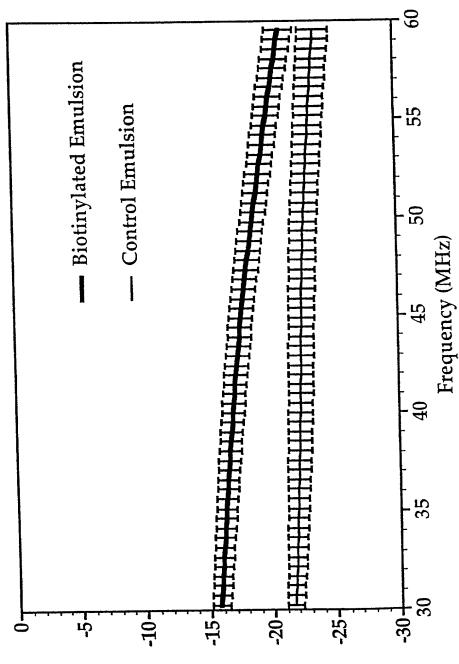
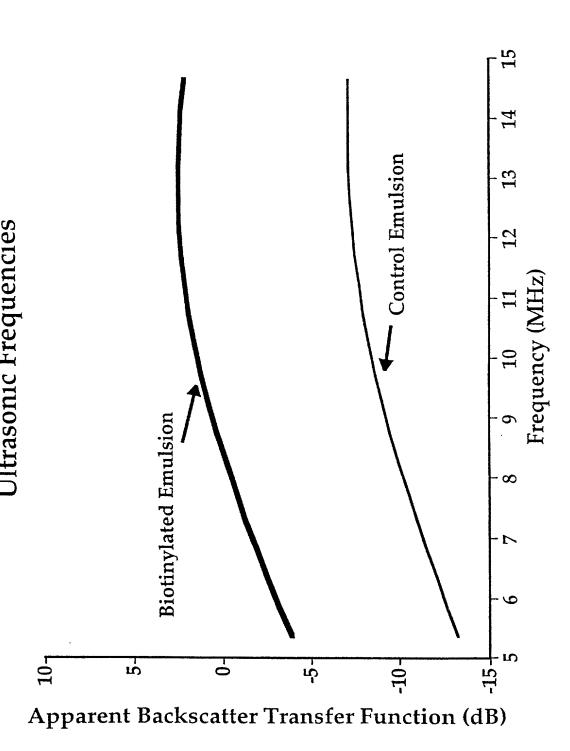


FIG.6 Apparent Backscatter Transfer Function of Biotinylated and Control Perfluorocarbon Emulsions Targeted to D-dimer Covalently Conjugated to Nitrocellulose Membranes FIG.6



Apparent Backscatter Transfer Function (dB)

FIG.7 Apparent Backscatter Transfer Function (dB) of Biotinylated and Control Perfluorocarbon Emulsions at Low Ultrasonic Frequencies



Emulsions Targeted to Avidinized Nitrocellulose Membranes FIG.8 Apparent Backscatter Transfer Function of Biotinylated and Control Perfluorocarbon Large Particle Size

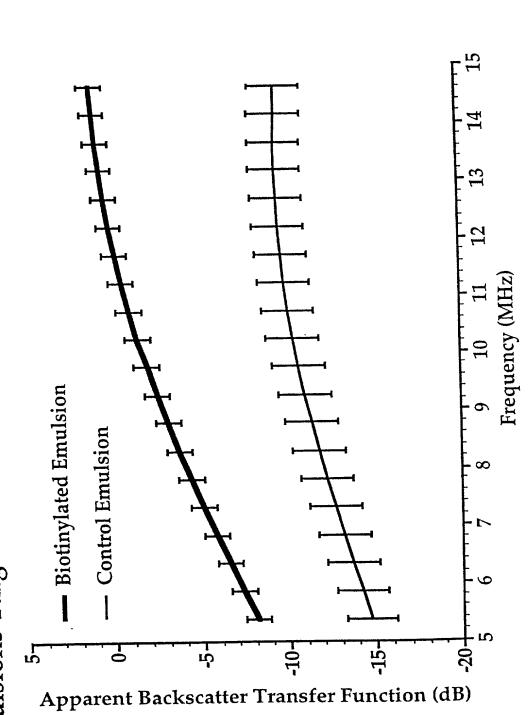
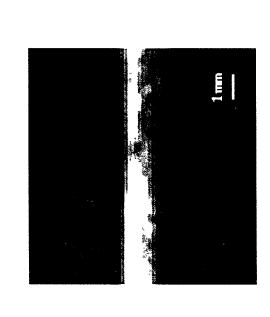
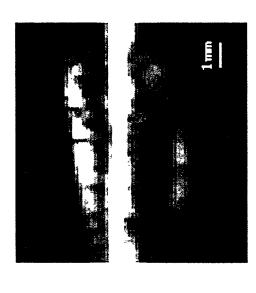


Figure 9. Ultrasonic Images (7.5 MHz) of Plasma Thrombi Pre-targeted with Antifibrin Monodonal Antibody and Exposed to Control or Biotinylated Perfluorocarbon Emulsion in Vitro

Kenth



Control Emulsion Bio



Biotinylated Emulsion

Exposed to Control or Biotinylated Perfluorocarbon Émulsion 5.10 Average Pixel Grayscale of Plasma Thrombi Pre-targeted with Antifibrin Monoclonal Antibody and FIG. 10

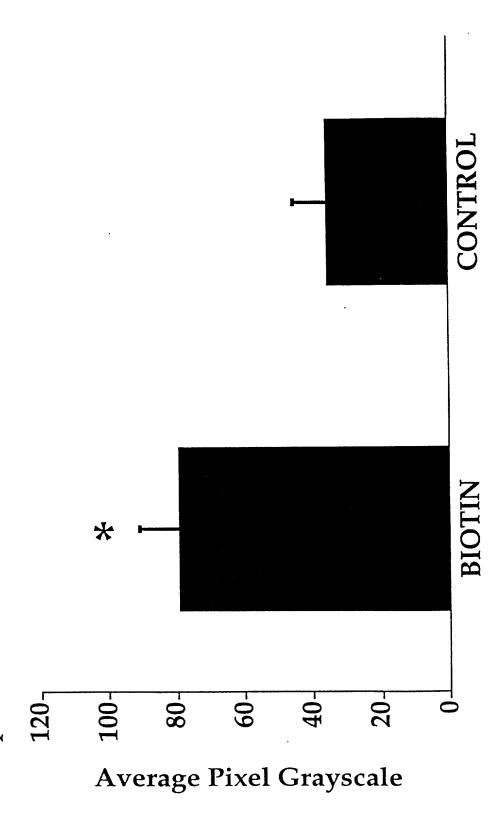
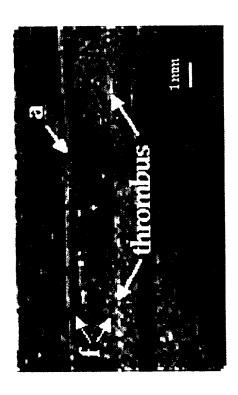


Figure 11. Femoral Artery Thrombus Acoustically Enhanced with Biotinylated Perfluorocarbon Emulsion In Vivo

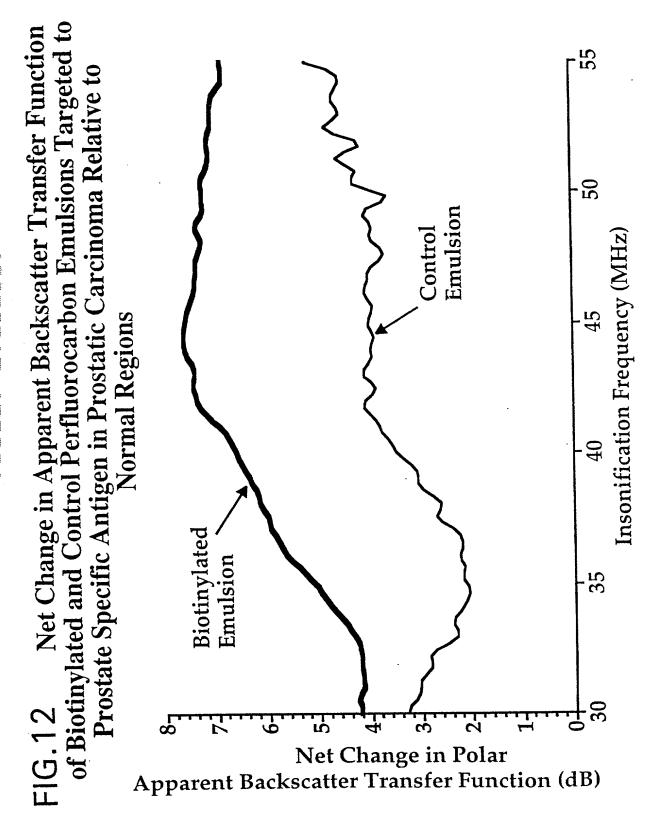


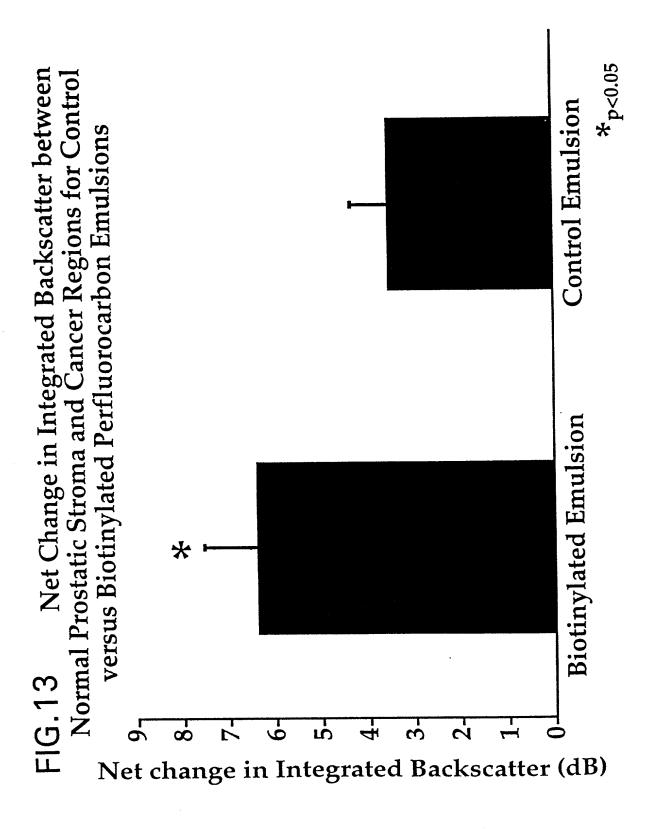
Thrombus Before Targeted Biotinylated Contrast

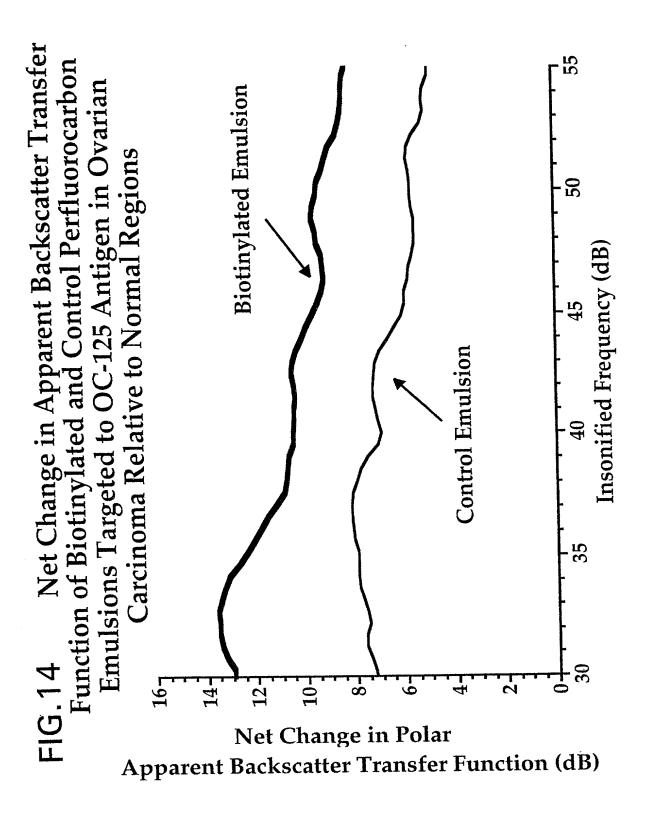


Thrombus After Targeted Biotinylated Contrast

7.5 WHz Focused, Linear Phased Array Transducer Key: a=electrical anode; f=fernoral artery walls Imaged with HP Sonos 2500



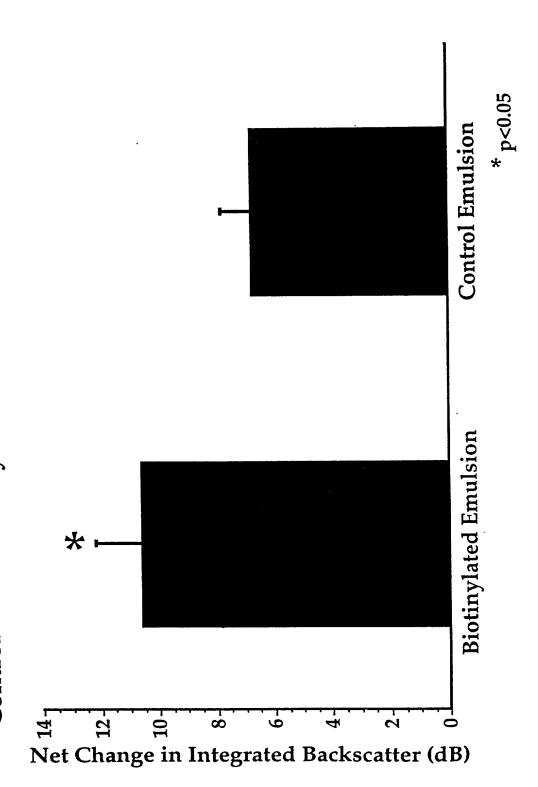




 μ_{i_1,i_2,i_3}

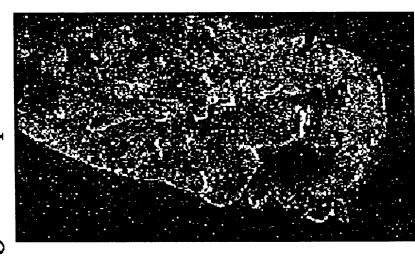
intro+

15 Net Change in Integrated Backscatter Between Normal Ovarian Tissue and Carcinoma Regions for Control versus Biotinylated Perfluorocarbon Emulsions FIG. 15



Manager (

Figure 16. Comparison of Ultrasonic and Optical Images of Tonsil Using Perfluorocarbon Contrast and Horseradish Peroxidase Targeted to Epithelium with Anticytokeratin Antibodies



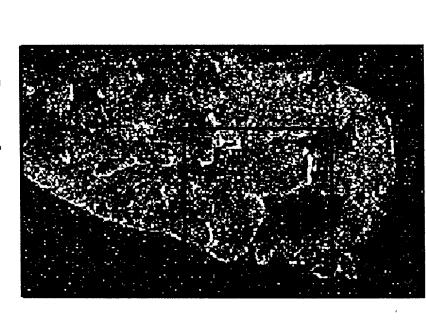
Peak Detected Image 100µm step size



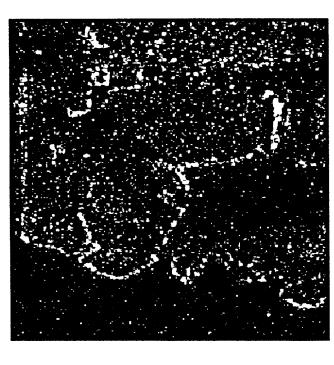
Immunostained Tonsil

Design of the Control of the Control

Figure 17. Peak Detected Ultrasonic Radiofrequency Images of Tonsil Epithelium Acoustically Enhanced with Anticytokeratin Antibody Targeted Perfluorocarbon Emulsion



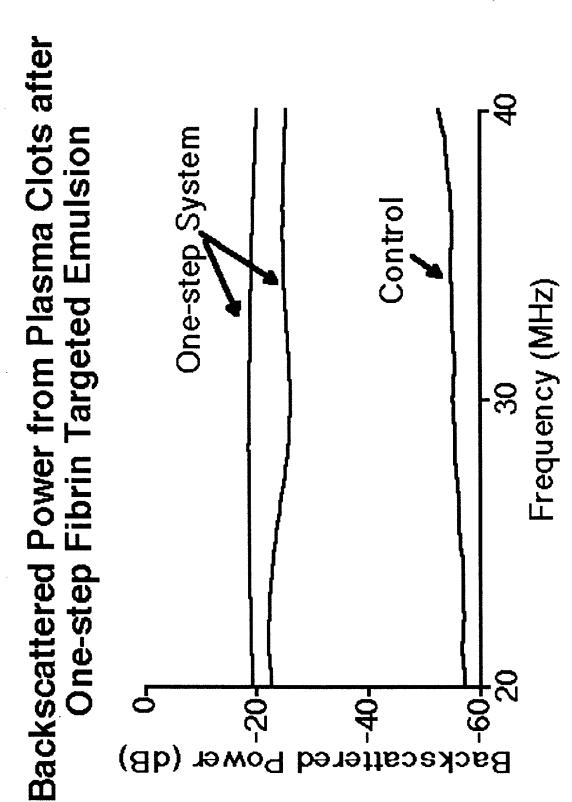
Peak Detected Image 100 Step Size



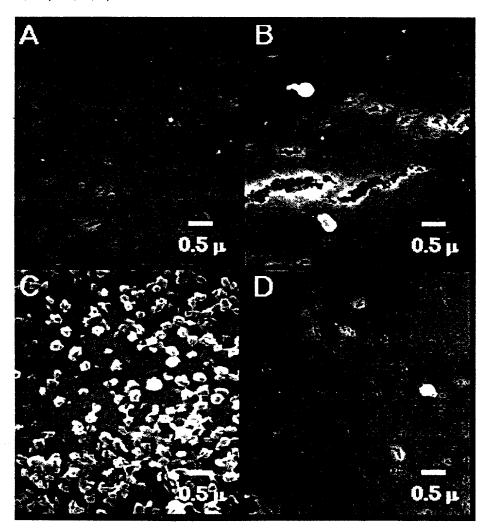
Zoom: 50µ step size

A September 2

F/G/8

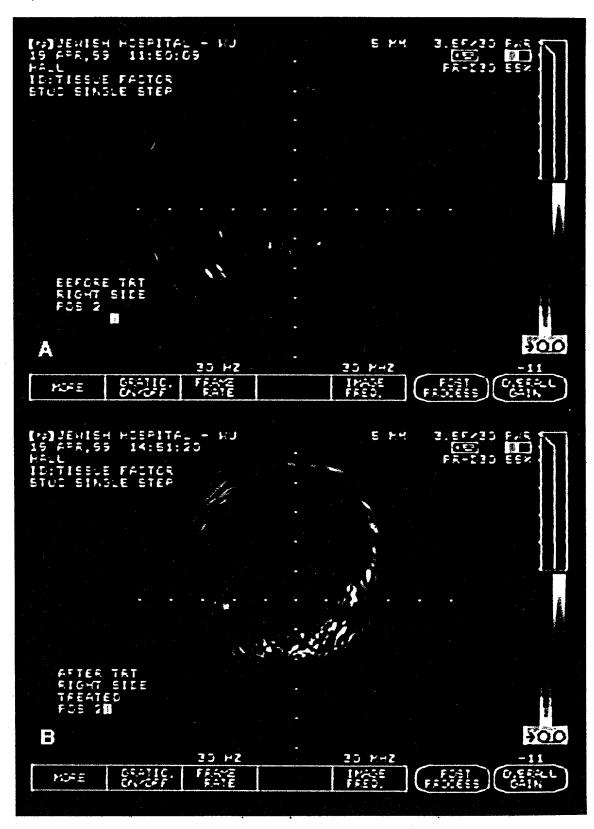


F1G.19



F/G.20

40 Hotels



F1G.21

